

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
 Data File : BN029828.D
 Acq On : 16 Feb 2024 16:00
 Operator : MA/JU
 Sample : PB158918BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB158918BL

Quant Time: Feb 16 23:56:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 23:52:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

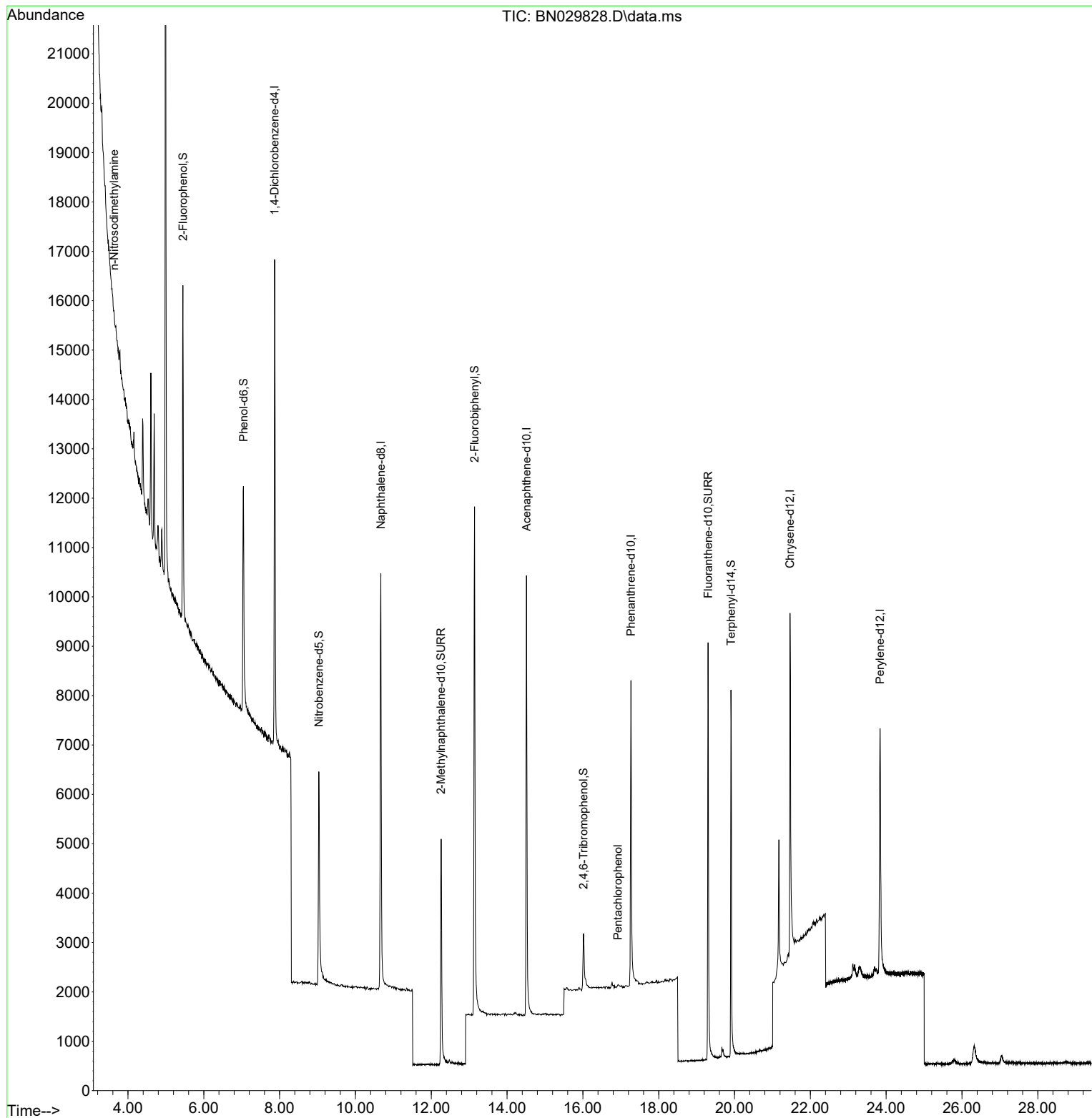
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	5076	0.400	ng	0.00
7) Naphthalene-d8	10.669	136	13073	0.400	ng	0.00
13) Acenaphthene-d10	14.511	164	5918	0.400	ng	0.00
19) Phenanthrene-d10	17.268	188	10457	0.400	ng	0.01
29) Chrysene-d12	21.465	240	8426	0.400	ng	0.00
35) Perylene-d12	23.838	264	8533	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	5541	0.454	ng	0.00
5) Phenol-d6	7.046	99	5697	0.405	ng	0.00
8) Nitrobenzene-d5	9.035	82	4951	0.455	ng	0.00
11) 2-Methylnaphthalene-d10	12.261	152	7781	0.437	ng	0.00
14) 2,4,6-Tribromophenol	16.014	330	851	0.448	ng	0.01
15) 2-Fluorobiphenyl	13.143	172	11180	0.440	ng	0.01
27) Fluoranthene-d10	19.303	212	11141	0.440	ng	0.00
31) Terphenyl-d14	19.907	244	8459	0.404	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.637	42	162	0.028	ng	Qvalue # 3
24) Pentachlorophenol	16.920	266	66	0.027	ng	# 60

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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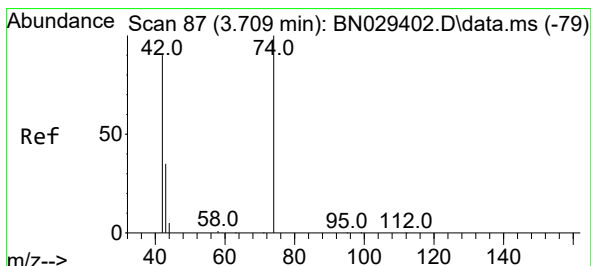
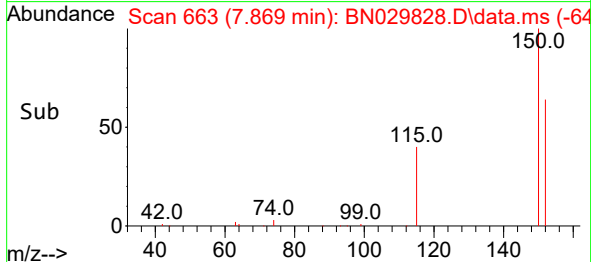
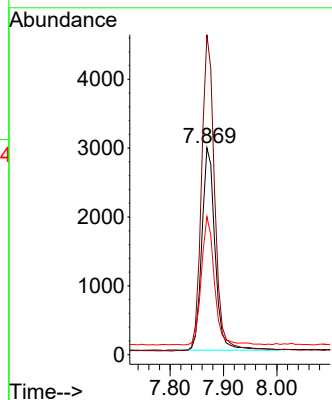
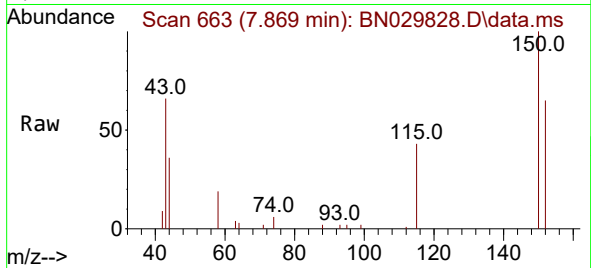




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN029828.D
Acq: 16 Feb 2024 16:00

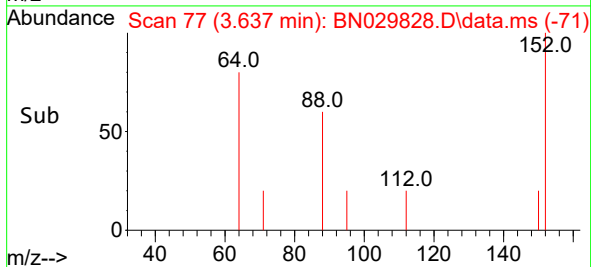
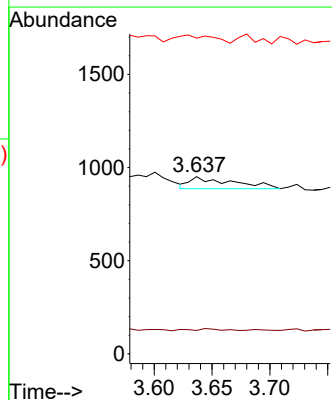
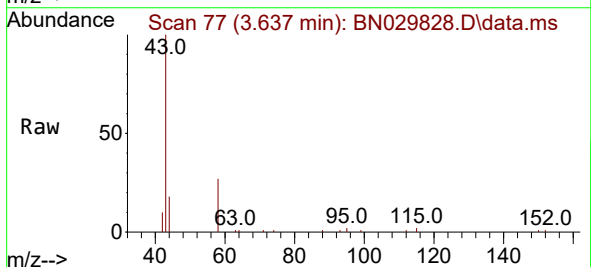
Instrument :
BNA_N
ClientSampleId :
PB158918BL

Tgt Ion:152 Resp: 5076
Ion Ratio Lower Upper
152 100
150 154.6 123.0 184.4
115 66.7 51.4 77.0



#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.637 min Scan# 77
Delta R.T. -0.058 min
Lab File: BN029828.D
Acq: 16 Feb 2024 16:00

Tgt Ion: 42 Resp: 162
Ion Ratio Lower Upper
42 100
74 12.3 93.7 140.5#
44 61.7 13.0 19.4#

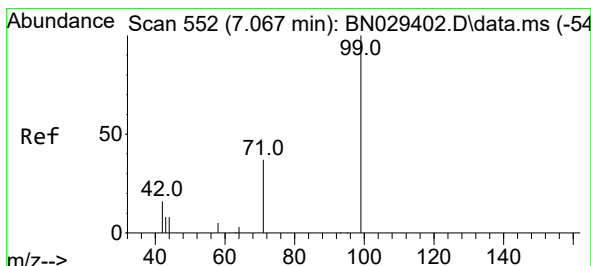
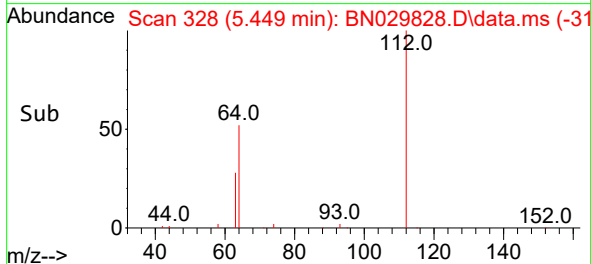
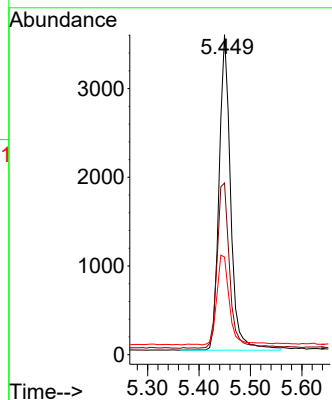
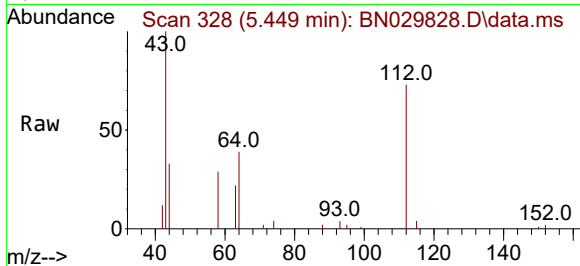




#4
2-Fluorophenol
Concen: 0.454 ng
RT: 5.449 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN029828.D
Acq: 16 Feb 2024 16:00

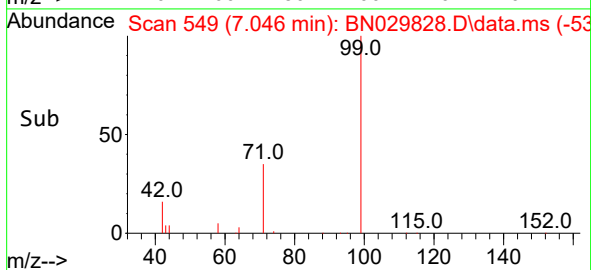
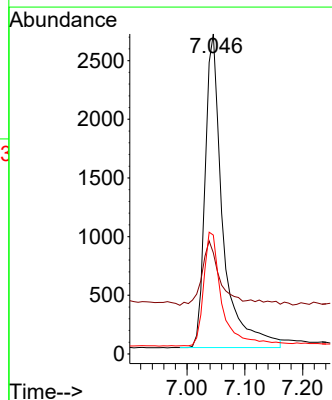
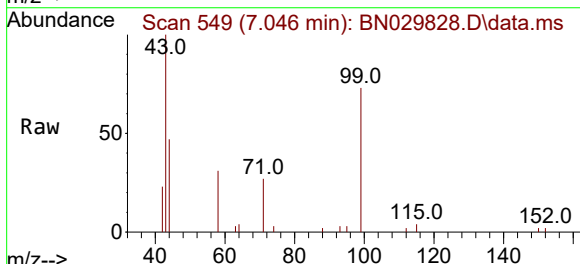
Instrument :
BNA_N
ClientSampleId :
PB158918BL

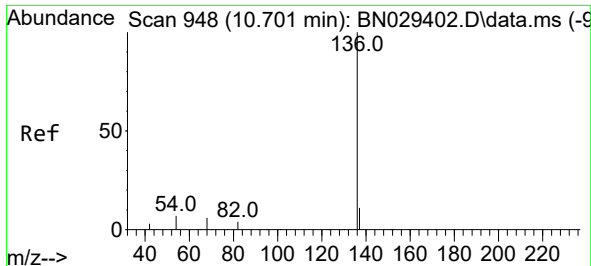
Tgt Ion:112 Resp: 5541
Ion Ratio Lower Upper
112 100
64 55.9 47.2 70.8
63 31.2 25.8 38.6



#5
Phenol-d6
Concen: 0.405 ng
RT: 7.046 min Scan# 549
Delta R.T. 0.007 min
Lab File: BN029828.D
Acq: 16 Feb 2024 16:00

Tgt Ion: 99 Resp: 5697
Ion Ratio Lower Upper
99 100
42 20.5 16.9 25.3
71 37.7 30.0 45.0

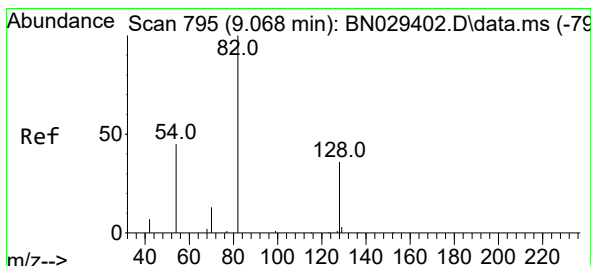
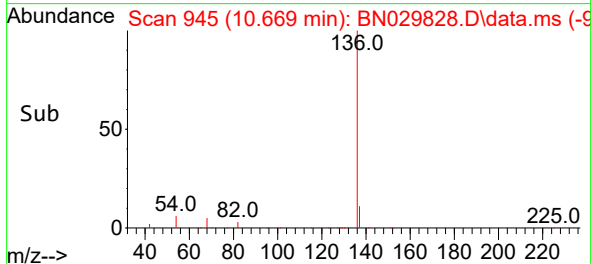
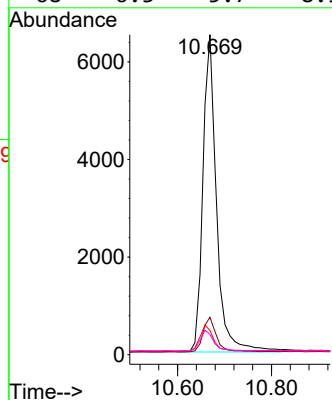
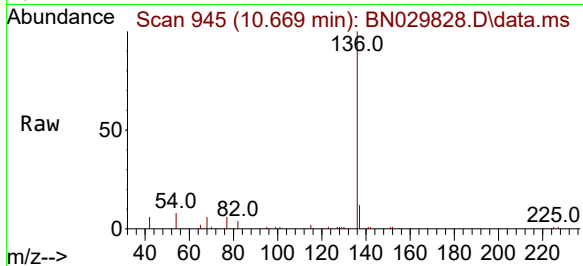




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN029828.D
Acq: 16 Feb 2024 16:00

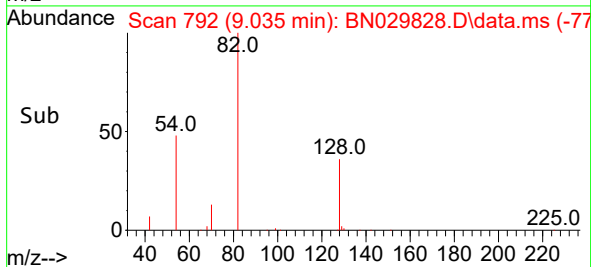
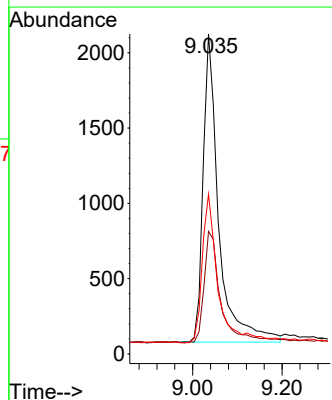
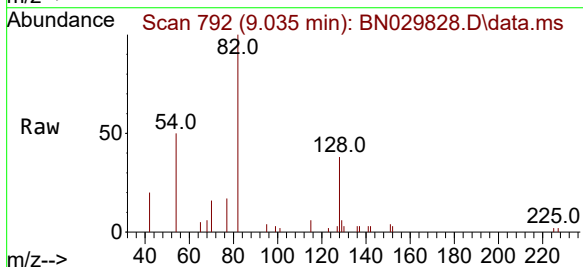
Instrument :
BNA_N
ClientSampleId :
PB158918BL

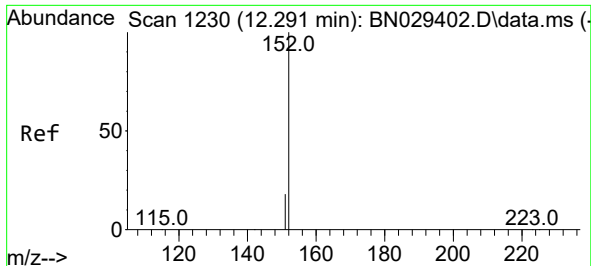
Tgt Ion:	136	Resp:	13073
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.7	14.5
54	7.5	6.6	10.0
68	6.3	5.7	8.5



#8
Nitrobenzene-d5
Concen: 0.455 ng
RT: 9.035 min Scan# 792
Delta R.T. 0.000 min
Lab File: BN029828.D
Acq: 16 Feb 2024 16:00

Tgt Ion:	82	Resp:	4951
Ion	Ratio	Lower	Upper
82	100		
128	38.3	31.6	47.4
54	49.9	38.2	57.4

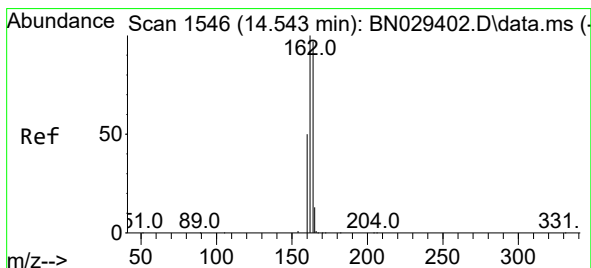
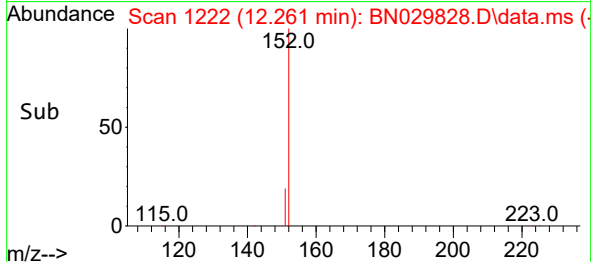
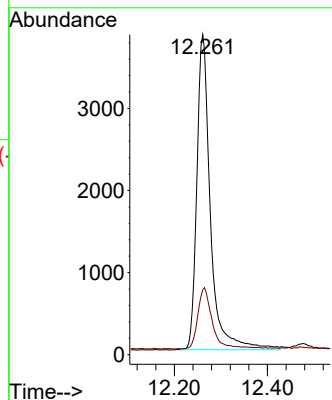
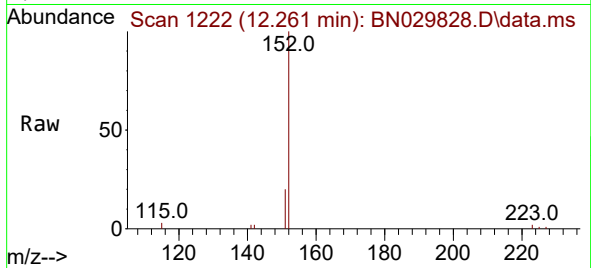




#11
 2-Methylnaphthalene-d10
 Concen: 0.437 ng
 RT: 12.261 min Scan# 11
 Delta R.T. 0.004 min
 Lab File: BN029828.D
 Acq: 16 Feb 2024 16:00

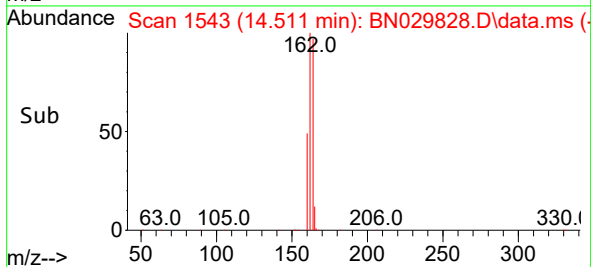
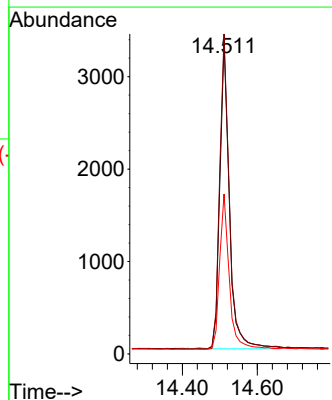
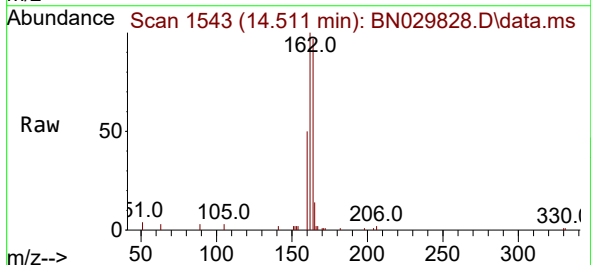
Instrument :
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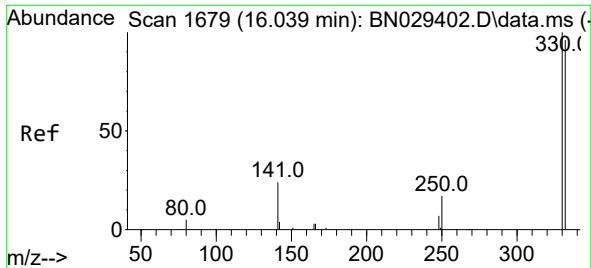
Tgt Ion:152 Resp: 7781
 Ion Ratio Lower Upper
 152 100
 151 20.2 17.1 25.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.511 min Scan# 1543
 Delta R.T. 0.000 min
 Lab File: BN029828.D
 Acq: 16 Feb 2024 16:00

Tgt Ion:164 Resp: 5918
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 51.3 41.5 62.3

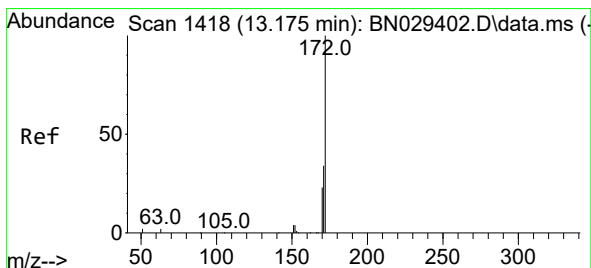
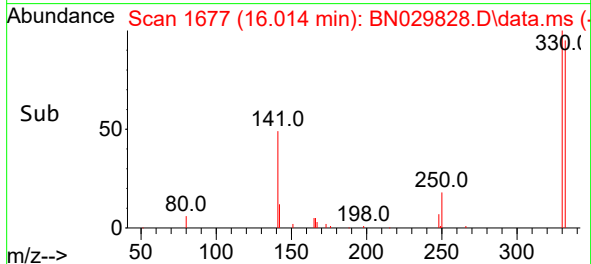
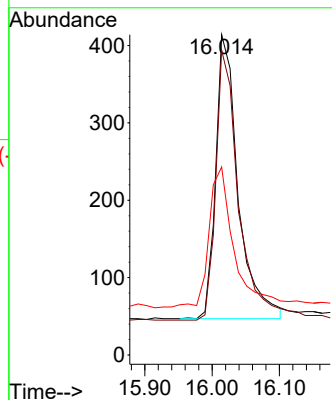
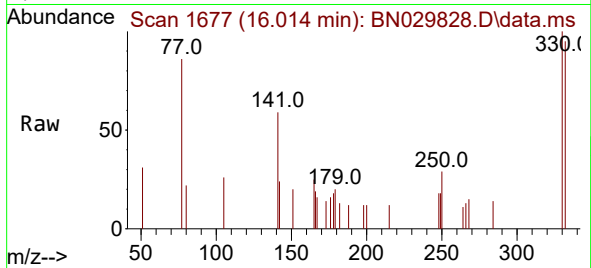




#14
2,4,6-Tribromophenol
Concen: 0.448 ng
RT: 16.014 min Scan# 1677
Delta R.T. 0.012 min
Lab File: BN029828.D
Acq: 16 Feb 2024 16:00

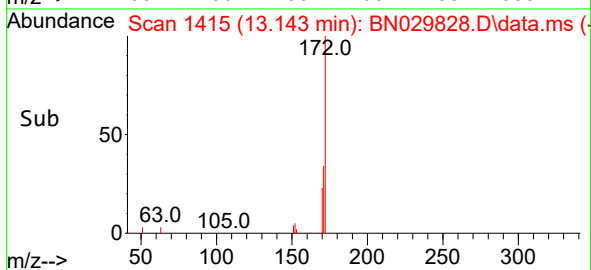
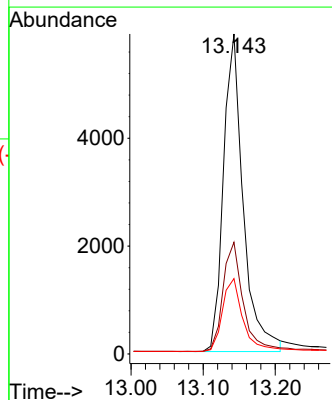
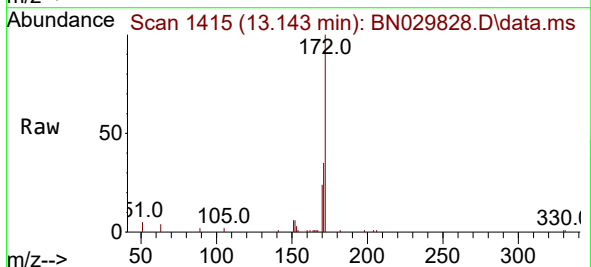
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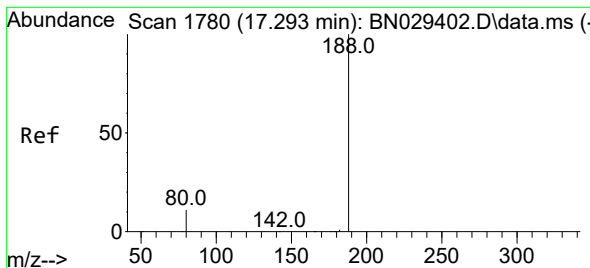
Tgt Ion:330 Resp: 851
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 53.9 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 13.143 min Scan# 1415
Delta R.T. 0.011 min
Lab File: BN029828.D
Acq: 16 Feb 2024 16:00

Tgt Ion:172 Resp: 11180
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.6 18.7 28.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.268 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN029828.D

Acq: 16 Feb 2024 16:00

Instrument :

BNA_N

ClientSampleId :

PB158918BL

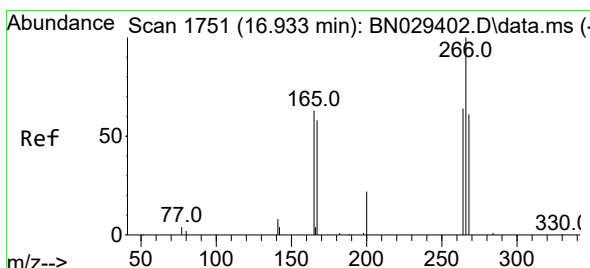
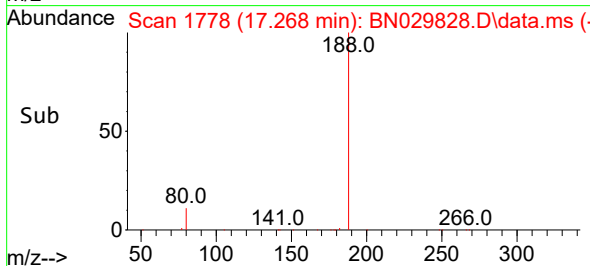
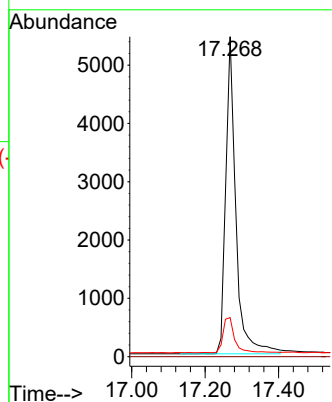
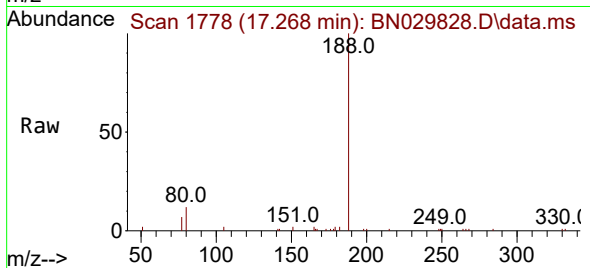
Tgt Ion:188 Resp: 10457

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.2 10.0 15.0



#24

Pentachlorophenol

Concen: 0.027 ng

RT: 16.920 min Scan# 1750

Delta R.T. 0.012 min

Lab File: BN029828.D

Acq: 16 Feb 2024 16:00

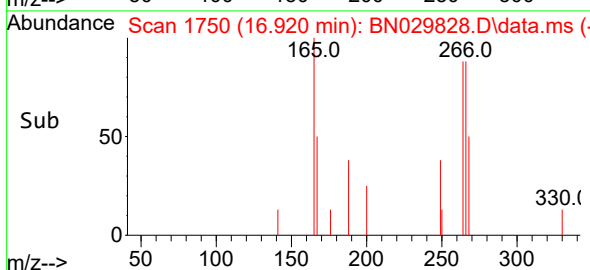
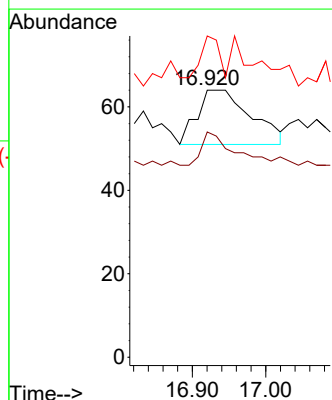
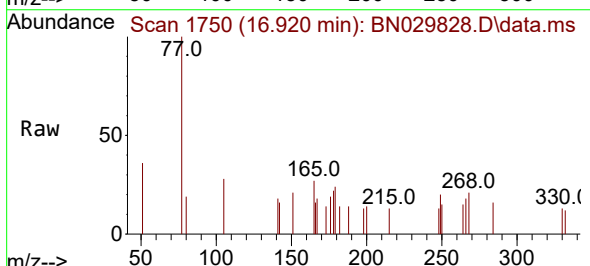
Tgt Ion:266 Resp: 66

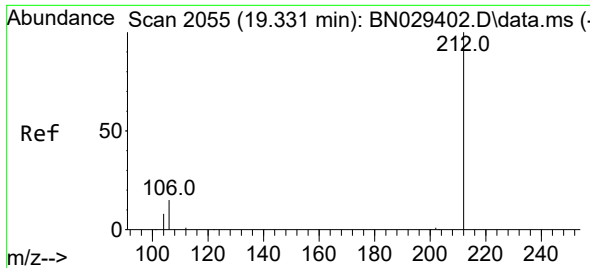
Ion Ratio Lower Upper

266 100

264 40.9 50.8 76.2#

268 24.2 51.5 77.3#

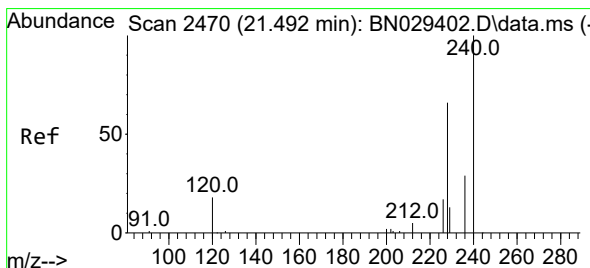
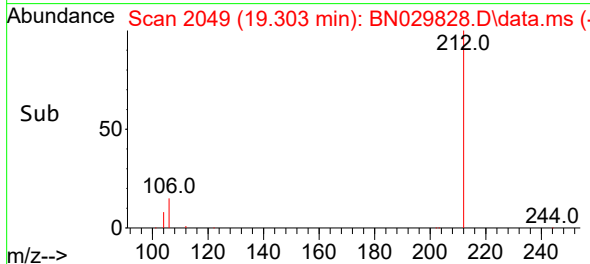
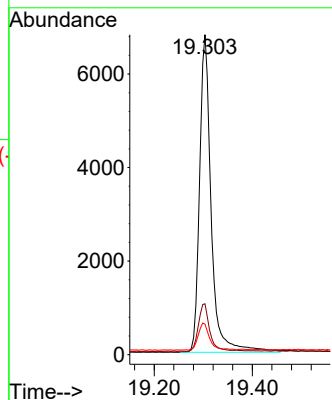
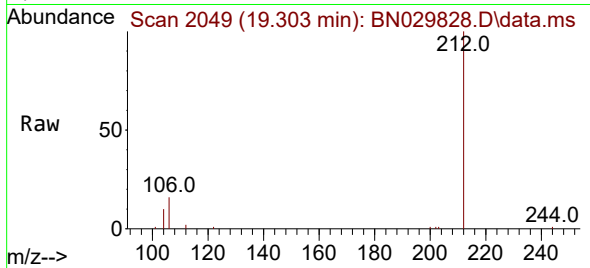




#27
Fluoranthene-d10
Concen: 0.440 ng
RT: 19.303 min Scan# 2049
Delta R.T. 0.005 min
Lab File: BN029828.D
Acq: 16 Feb 2024 16:00

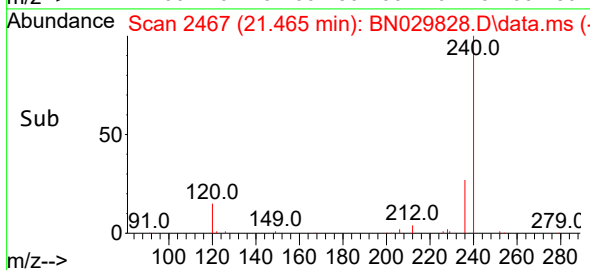
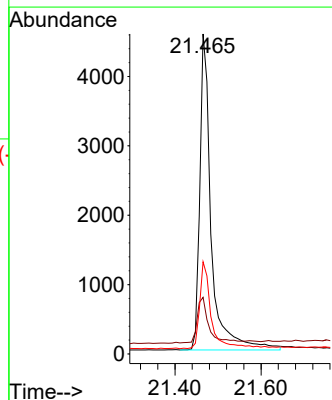
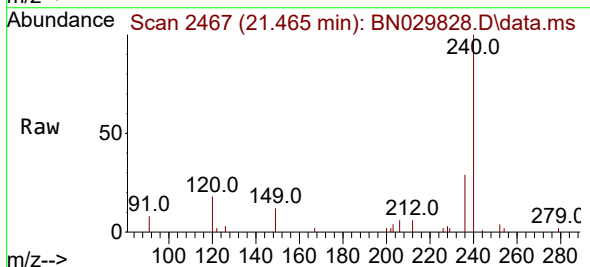
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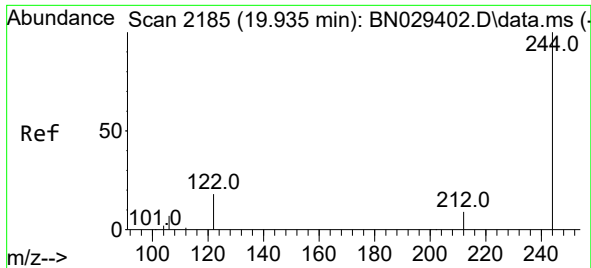
Tgt Ion:212 Resp: 11141
Ion Ratio Lower Upper
212 100
106 14.5 13.2 19.8
104 8.3 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.465 min Scan# 2467
Delta R.T. 0.000 min
Lab File: BN029828.D
Acq: 16 Feb 2024 16:00

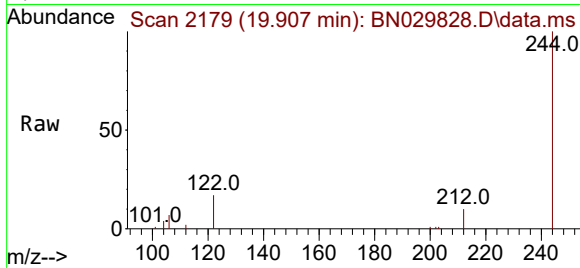
Tgt Ion:240 Resp: 8426
Ion Ratio Lower Upper
240 100
120 17.7 16.7 25.1
236 28.8 23.9 35.9



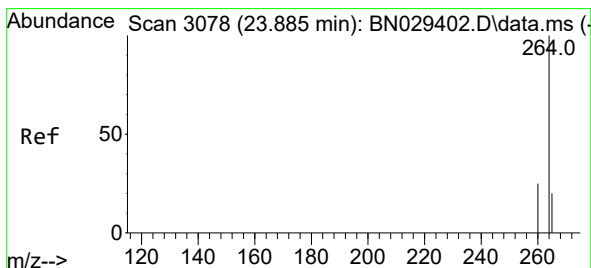
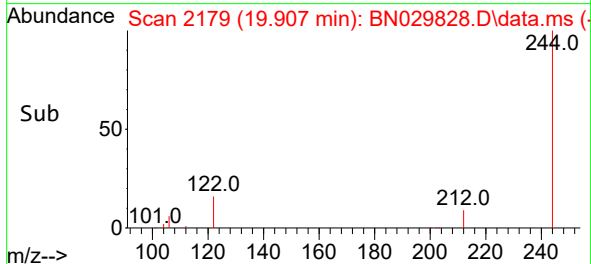
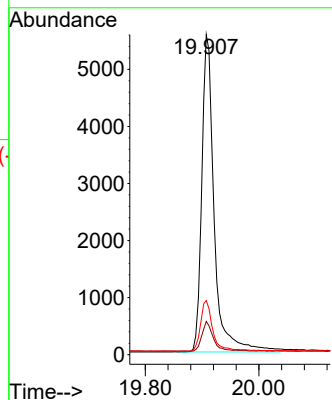


#31
Terphenyl-d14
Concen: 0.404 ng
RT: 19.907 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BN029828.D
Acq: 16 Feb 2024 16:00

Instrument :
BNA_N
ClientSampleId :
PB158918BL



Tgt Ion:244 Resp: 8459
Ion Ratio Lower Upper
244 100
212 10.4 8.2 12.4
122 16.9 15.6 23.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.838 min Scan# 3062
Delta R.T. 0.006 min
Lab File: BN029828.D
Acq: 16 Feb 2024 16:00

Tgt Ion:264 Resp: 8533
Ion Ratio Lower Upper
264 100
260 27.3 21.2 31.8
265 56.6 41.5 62.3

